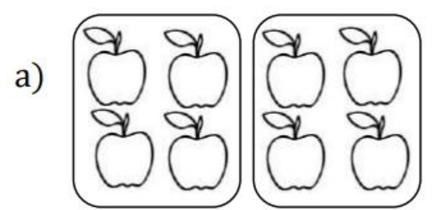
Revision on multiplication table





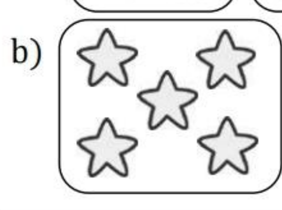


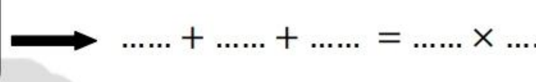
Complete

a) 



$4 + 4 = \ldots\ldots \times \ldots\ldots = \ldots\ldots$

b)   



$\ldots\ldots + \ldots\ldots + \ldots\ldots = \ldots\ldots \times \ldots\ldots$

$= \ldots\ldots$

Complete:

a) $3 + 3 + 3 + 3 + 3 = \ldots\ldots \times \ldots\ldots$

b) $2 + 2 + 2 + 2 + 2 + 2 + 2 = \ldots\ldots \times \ldots\ldots$

c) $1 + 1 + 1 + 1 + 1 + 1 = \ldots\ldots \times \ldots\ldots$

d) $8 \times 3 = \ldots + \ldots + \ldots$

e) $3 \times 2 = \ldots + \ldots$

$3 \times 2 = \ldots + \ldots + \ldots$

f) $0 \times 7 = \ldots\ldots$

Complete:

a) $6 \times 0 = \ldots\ldots$

b) $9 \times 0 = \ldots\ldots \times 9 = \ldots\ldots$

c) $9 \times 1 = \ldots\ldots$

d) $3 \times 1 = \ldots\ldots \times 3 = \ldots\ldots$

e) $2 \times 5 = 5 \times \ldots\ldots$

f) $3 \times 4 = \ldots\ldots \times 3$

g) $3 \times \ldots\ldots = \ldots\ldots \times 7$

Complete in the same pattern:

a) 2 , 4 , 6 , …… , …… , …… , …… , …… , ……

b) 3 , 6 , 9 , …… , …… , …… , …… , …… , ……

c) 4 , 8 , 12 , …… , …… , …… , …… , …… , ……

d) 5 , 10 , 15 , …… , …… , …… , …… , …… , ……





0 × 1 = ...	1 × 0 = ...	2 × 0 = ...	3 × 0 = ...	4 × 0 = ...
0 × 2 = ...	1 × 1 = ...	2 × 1 = ...	3 × 1 = ...	4 × 1 = ...
0 × 3 = ...	1 × 2=	2 × 2 = ...	3 × 2 = ...	4 × 2 = ...
0 × 4 = ...	1 × 3 = ...	2 × 3 = ...	3 × 3 = ...	4 × 3 = ...
0 × 5 = ...	1 × 4 = ...	2 × 4 = ...	3 × 4 = ...	4 × 4 = ...
0 × 6=	1 × 5 = ...	2 × 5 = ...	3 × 5 = ...	4 × 5 = ...
0 × 7 = ...	1 × 6=	2 × 6 = ...	3 × 6 = ...	4 × 6 = ...
0 × 8 = ...	1 × 7 = ...	2 × 7 = ...	3 × 7 = ...	4 × 7 = ...
0 × 9 = ...	1 × 8 = ...	2 × 8 = ...	3 × 8 = ...	4 × 8 = ...
0×10 = ...	1 × 9 = ...	2 × 9 = ...	3 × 9 = ...	4 × 9 = ...
	1 × 10 = ...	2×10 = ...	3×10 = ...	4×10 = ...

5 × 0 = ...	6 × 0 = ...	7 × 0 = ...	8 × 0 = ...	9 × 0 = ...
5 × 1 = ...	6 × 1 = ...	7 × 1 = ...	8 × 1 = ...	9 × 1 = ...
5 × 2 = ...	6 × 2 = ...	7 × 2 = ...	8 × 2 = ...	9 × 2 = ...
5 × 3 = ...	6 × 3 = ...	7 × 3 = ...	8 × 3 = ...	9 × 3 = ...
5 × 4 = ...	6 × 4 = ...	7 × 4 = ...	8 × 4 = ...	9 × 4 = ...
5 × 5 = ...	6 × 5 = ...	7 × 5 = ...	8 × 5 = ...	9 × 5 = ...
5 × 6 = ...	6 × 6 = ...	7 × 6 = ...	8 × 6 = ...	9 × 6 = ...
5 × 7 = ...	6 × 7 = ...	7 × 7 = ...	8 × 7 = ...	9 × 7 = ...
5 × 8 = ...	6 × 8 = ...	7 × 8 = ...	8 × 8 = ...	9 × 8 = ...
5 × 9 = ...	6 × 9 = ...	7 × 9 = ...	8 × 9 = ...	9 × 9 = ...
5×10 = ...	6×10 = ...	7×10 = ...	8×10 = ...	9×10 = ...

Complete:

a) 2 × 4 = ...

b) 5 × 5 = ...

c) 3× 5 = ...

d) 4 × 9 = ...

e) 6 × 3 = ...

f) 7 × 2 = ...

g) 4 × 4 = ...

h) 3 × 8 = ...

i) 8 × 4 = ...

Complete:

a) 6 × ...... = 3 × 8

b) 2 × ...... = 3 × 4

c) ...... × 3 = 2 × 9

d) 4 × 4 = ...× 8

e) ...... × 4 = 6 × 6

Unit 1

Multiplication and Division

Lesson.1➤ Multiplying by 10

Lesson.2➤ Multiplying by 100

Lesson.3➤ Multiplying by 1000

Lesson.4➤ Multiply 2 or more digits number by one digit number

Lesson.5➤ Even & Odd numbers

Lesson.6➤ Divide 2 or more digits number by one digit number





Lesson.1 ➢ Multiplying by 10

$10 \times 2 = 10 + 10 = 20$

$10 \times 3 = 10 + 10 + 10 = 30$

$10 \times 4 =$ …… +…… +……+……= ……

When we multiply any number by 10, we put the same number and write one zero at the right of it

1) *Find*:

a) $6 \times 10 =$ …… $10 \times 13 =$ ……

b) $3 \times 8 \times 10 =$ ……

c) $10 \times 10 =$ ……

d) $20 \times 3 =$ ……

e) $4 \times 60 =$ ……

f) $92 \times 10 =$ ……

g) $30 \times 2 \times 2 =$ ……



2) *Complete:*

a) $10 \times 7 = 7 \times$ …… = ……

b) $4 \times 9 \times 10 =$ …… $\times 10 =$ ……

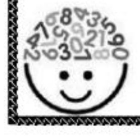
c) 3 tens = …… $\times 10 =$ ……

d) 46 tens = …… $\times 10 =$ ……

e) $10 \times 10 =$ …… tens = ……

f) $50 \times 10 =$ …… Tens = …… hundreds

g) 4 tens + 3 tens = …… $\times 10$





3) Sara bought 6 books for L.E 10 each.

How much money did she pay?

She paid = ……………………………………………………….

4) Ali had 120 pounds if he bought 10 pens for 4 pounds each.

How much money was left with him?

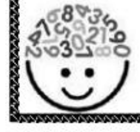
He paid = ………………………………………………………….

The remainder = ……………………………………………….

5) Put the suitable sign (< , > or =):

a) 9×10	☐	10×8
b) 10 tens	☐	10×10
c) 20×10	☐	$2 \times 5 \times 8$
d) 2 tens + 7 tens	☐	$2 \times 7 \times 10$





Lesson.2➢ Multiplying by 100

When we multiply any number by 100, we put the same number and write two zeroes at the right of it

100 × 2 = 100 +100 = 200

100 × 3 = 100 +100 +100 = 300

100 × 4 = …… +…… +……+……= ……

1) Find:

a) 8 × 100 = ……

b) 100 × 54 = ……

c) 20 × 50 = ……

d) 50 × 100 = ……

e) 20 × 60 = ……

f) 200 × 6 = ……

2) Complete:

a) 100 × 9 = 9 × …… = ……

b) …… × 100 = 100 × …… = 800

c) 3 × 7 × 100 = …… × 100 = ……

d) 5 hundred = …… × 100 = ……

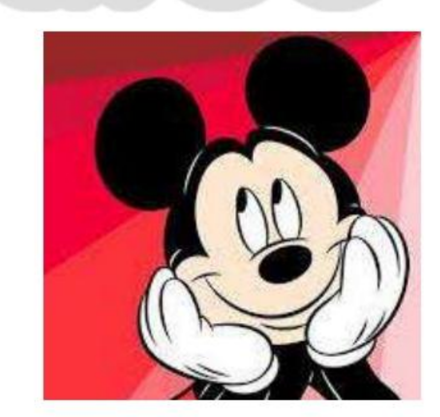
e) 10 × 100 = …… = …… hundreds

f) 2 × 100 × …… = 1600

g) 70 × 20 = …… × 100 = ……

h) 10 × 150 = …… × 100 = ……

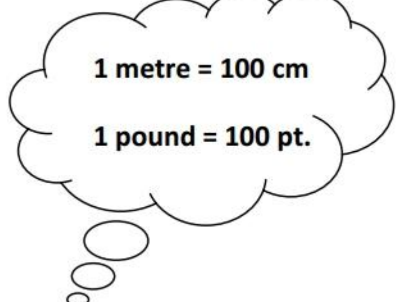
i) 9 × 2 × 50 = …… × 100 = ……







3) Complete:



a) 5 metres = …… cm

b) 800 cm = …. metres

c) 32 metres = …… cm

d) …. metres = 5600 cm

e) …. metres = 10000 cm

4) Complete:

a) 7 pounds = …… pt

b) 600 pt = …… pounds

c) ….. pounds = 1000 pt

d) 83 pounds = …… pt



5) Dina saves 100 pounds every week. How much money does she save in 8 weeks?

She saves in 8 weeks = ………………………………………………………..



6) Put the suitable sign (< , > or =):



a) 30×10 ☐ 100×3

b) 23 meters ☐ 230 cm

c) 40 hundred ☐ 40×100

d) 12×100 ☐ $3 \times 6 \times 100$





Lesson.3➢ Multiplying by 1000

1000 × 2 = 1000 +1000 = 2000

1000 × 3 = 1000 +1000 +1000 = 3000

1000 × 4 = …… +…… + …… + …… = ……



1) Find:

a) 5 × 1000 = ……….

b) 1000 × 69 = ……….

c) 20 × 400 = ……

d) 800 × 100 = ……

e) 300 × 40 = ……

f) 700 × 20 = ……

2) Complete:

a) 1000 × 6 = 6 × ………. = ……….

b) 4 × 6 × 1000 = ………. × 1000 = ……….

c) 3 thousands = ………. × 1000 = ……….

d) 10 × 1000 = ………. = ………. thousands

e) 70 × 100 = ………. × 1000 = ……….

f) 300 × 40 = 1000 × ………. = ……….

g) 6 × 3000 = ………. × 1000 = ……….





3) Complete:

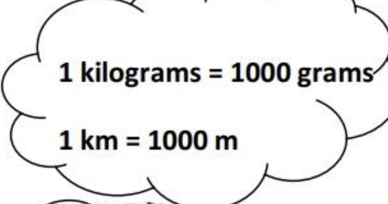
h) 9 kilograms = ………….. grams

i) 84 kilograms = ………….. grams

j) …… kilograms = 67000 grams

k) 35 km = ………….. m

l) 80 km = ………….. m





4) Put the suitable sign (< , > or =):

a) 4 thousands	☐	39 hundred
b) 12 kilograms	☐	12000 grams
c) 40 hundred	☐	40×100
d) 300 +700	☐	two thousand
e) 95×1000	☐	59×1000
f) 23×1000	☐	32×100







Lesson.4➢ Multiply 2 or more digits number by one digit number

1) **Find the product:**

a)
```
  (+1)
   3 2
 ×   5
 ------
  160
```

2 × 5 equals 10 so we write 0 down and carry up 1 (the tens digit)

Then take 5×3 equals 15 +1= 16

b) 124 × 3 = ...

c) 6419 × 2 = ...

d) 1024 × 6 = ...

e) 3200 × 9 = ...

f) 2348 × 8 = ...

g) 1257 × 7 = ...

2) **Multiply:**

a) 136 × 3 = ……

d) 3012 × 8 = ……

b) 2370 × 2 = ……

e) 173 × 9 = ……

c) 1691 × 5 = ……

f) 3601 × 4 = ……







3) Complete the missing number:

Remember
2 × 5 =10
4 × 25 =100
8 × 125 =1000

a) …… × 10 = 1780

b) 25 × …… = 2500

c) 2 × 5 × 64 = ……

d) 25 × 4 × 9 = ……

e) 125 × 8 × 3 = ……

f) 125 × …… × 8 = 7000

g) …… × 2 × 5 = 230

h) 25 × 4 × …… = 6300

4) Complete in the same pattern:

a) 3 , 9 , 27 , …… , …… , …… , …… , …… , ……

b) 10 , 100 , 1000 , …… , ……

c) 150 , 300 , 600 , …… , ……

5) A merchant bought 5 fridges for 2850 pounds each and 4 washing machines for 2263 pounds each. How much money did he pay?

……………………………………………………………………………………

……………………………………………………………………………………

……………………………………………………………………………………

6) Mary had L.E 50 she bought 8 notebooks for PT 150 each.

How much money was left with her?

……………………………………………………………………………………

……………………………………………………………………………………

7) A house has 7 floors of 4 flats each. If each flat has 3 rooms, find the number of flats in this house.

……………………………………………………………………………………





Lesson.5➢ Even numbers and odd numbers

Even numbers: the numbers whose unit digit is ⟶ 0, 2, 4, 6 or 8

Ex.: 8 , 90 , 12 , 34 , 536

Odd numbers: the numbers whose unit digit is ⟶ 1, 3, 5, 7 or 9

Ex.: 5 , 93 , 11 , 27 , 289

Notes:

- ✪ Each even number can be divided by 2 without remainder. *Ex.: 16 ÷ 2 = 8*
- ✪ Even number+1= Odd number
- ✪ Even number+2= Even number
- ✪ Odd number+1= Even number
- ✪ Odd number+2= Odd number
- ✪ The sum of two even numbers is an even *Even + Even = Even*
- ✪ The sum of two odd numbers is an even *Odd + Odd = Even*
- ✪ The sum of an even and an odd number is an odd *Even + Odd = Odd*

1) **Under line the even number:**

678 , 3806 , 17357 , 89305

2) **Circle the odd number:**

587 , 925 , 8116 , 7029





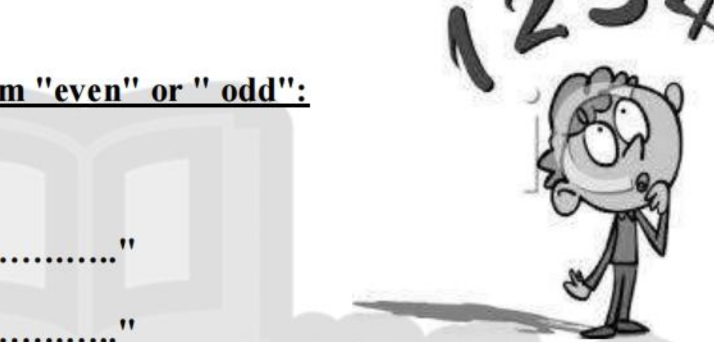


3) **Find three even numbers just after 15:**

……… , ……… , ………

4) **Find three odd numbers just before 28:**

……… , ……… , ………



5) **Without adding write if the sum "even" or " odd":**

a) 34 +37 "………………."

b) 310 + 205 "………………."

c) 12 + 28 "………………."

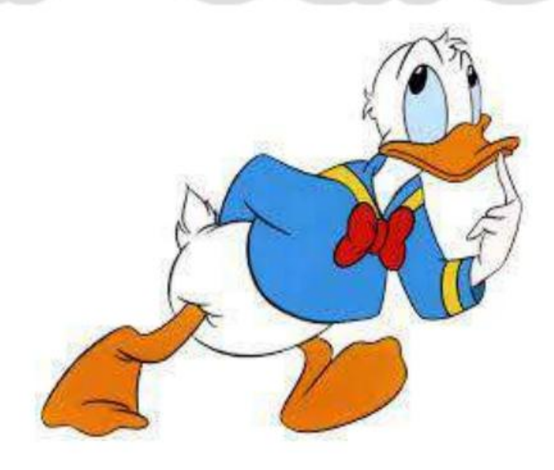
d) 413 + 509 "………………."

6) **Which of the following operations doesn't represent an even number:**

a) 25 × 10 × 3

b) 4 tens + 6 hundred

c) 73 × 5







Lesson.6➢ Dividing a number by a 1-digit number

1) **Divide:**

a) $22 \div 2 =$ ……

b) $248 \div 2 =$ ……

c) $9009 \div 3 =$ ……

d) $400 \div 2 =$ ……

e) $624 \div 6 =$ ……

f) $2525 \div 5 =$ ……

g) $777 \div 7 =$ ……

h) $404 \div 4 =$ ……

i) $5648 \div 8 =$ ……

j) $60 \div 6 =$ ……

k) $1224 \div 3 =$ ……

l) $460 \div 2 =$ ……

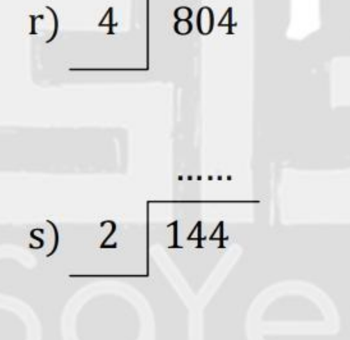
m) $5454 \div 9 =$ ……

n) $6812 \div 2 =$ ……

o) $9627 \div 3 =$ ……

p) 7 ⟌ 7070 ……

q) 5 ⟌ 515 ……



r) 4 ⟌ 804 ……

s) 2 ⟌ 144 ……







2) How many metres of cloth can you buy for L.E 480 if the price of one metre is L.E 8

The number of metres = ... metres

3) In one of the libraries 804 books were distributed among four shelves equally. How many books were put on each shelf?

The number of books on each shelf =... books

4) A primary school has 9 classes with equal number of pupils in each. If the whole number of pupils is 360 pupils. How many pupils are there in each class?

The number of pupils in each class =... pupils

5) Sameh bought a car for L.E 70000 , he paid L.E 35000 in cash and the rest in 5 equal installments. Find the value of each installment.

The rest of the money = ... = L.E ....

The value of each installment = ... = L.E ....









Geometry

Lesson.1➢ The Perimeter

Lesson.2➢ The area:



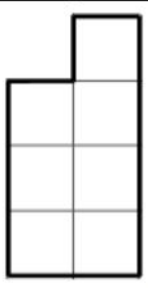


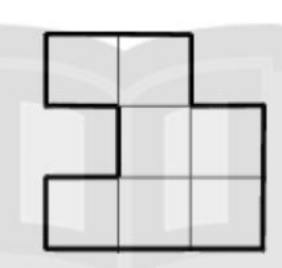
Lesson.1 ➢ The Perimeter

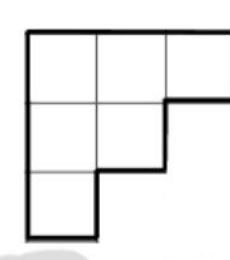
The Perimeter of any polygon = the sum of its sides' lengths

Perimeter of the square = Side length × 4 Perimeter of the square = S × 4	Perimeter of the rectangle = (Length + Width) × 2 Perimeter of the rectangle = (L + W) × 2

1) Find the perimeter:





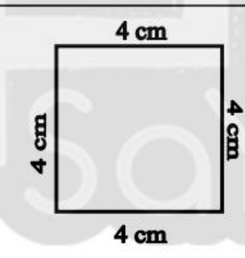


P = ………….. units **P = ………….. units** **P = ………….. units**

2) Complete using the opposite figure:

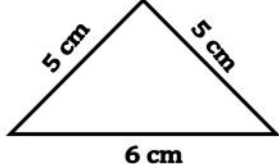
a) The perimeter of the square =

… + … + … + …= … × … = … cm



b) The perimeter of the triangle =

… + … + … = … cm

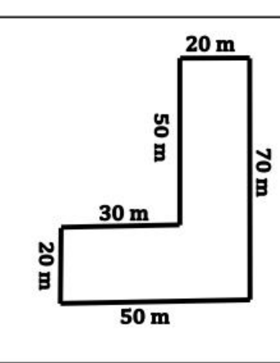






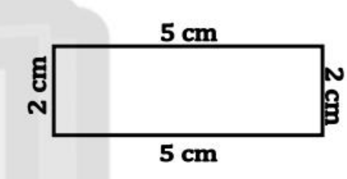
c) The perimeter of the opposite figure =

.... + ... + ... + ... + ... + ... = ... m



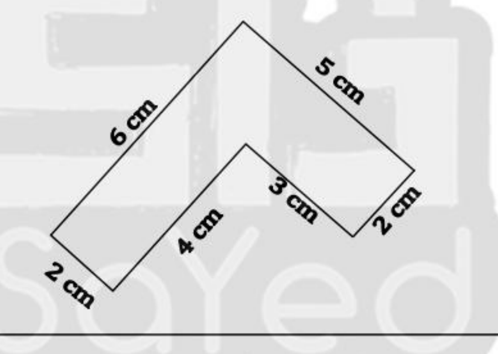
d) The perimeter of the rectangle =

.... + ... + ... + ...= .... cm



d) The perimeter of the opposite figure =

.... + ... + ... + ... + ... + ... = ... cm



3) Find the perimeter of triangle whose side lengths are 6 cm, 8 cm and 10 cm.

The perimeter of the triangle = ... = ... cm

4) Find the perimeter of the square whose side length 5 cm

The perimeter of the square = ... = ... cm





5) Find the perimeter of the rectangle whose length is 5 cm and its width is 3 cm

The perimeter of the rectangle = ……………………………………………

= ……………………………………………. = ……… cm

6) Find the perimeter of equilateral triangle whose its side length is 6 cm

The perimeter of the triangle = ……………………………………………. = ……… cm

7) Find the perimeter:

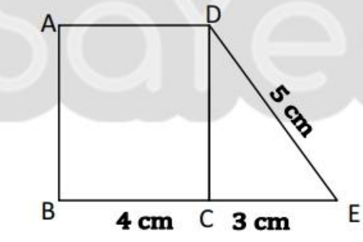


The perimeter = ………….. units

8) The perimeter of a triangle is 12 cm. if the sum of lengths of two of its sides is 9 cm. Find the length of the third side.

The length of the third side = ………… - ………… = ………… cm

9) ABCD is a square then the perimeter of the figure ABED is ……… cm



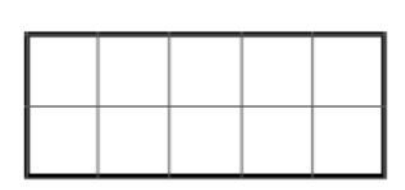
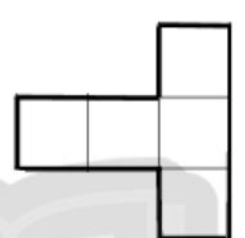
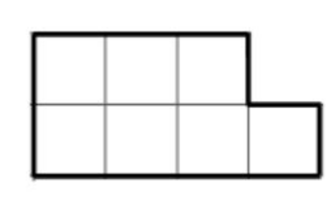


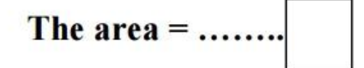


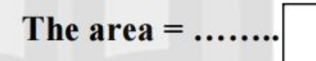
Lesson.2➢ The area:

The area of a shape = the number of units which form that shape

1) Find the area:

The area = …….. 

The area = …….. 

The area = ……..

2) ***Find the area of the opposite shape according to the given unit:***

Area of the shape = ……….. 

Area of the shape = ……….. 

Area of the shape = ……….. 



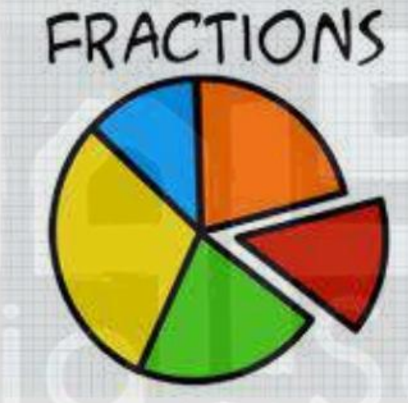






Unit 3

Fractions

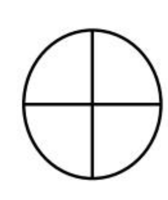
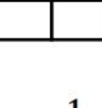
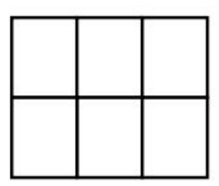
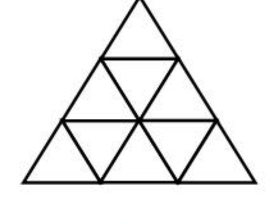






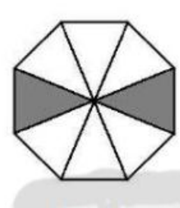
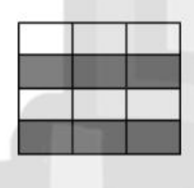
Lesson.1 ➢ Meaning and reading fractions

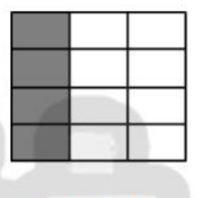
1) Colour according to the given fraction under each figure :

$\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{3}$ $\frac{7}{9}$

2) Write the fraction of the shaded part:



………   ………   ………   ………

3) Complete :

a) $1 = \frac{2}{\dots} = \frac{\dots}{3} = \frac{4}{\dots} = \frac{\dots}{5} = \frac{\dots}{6} = \frac{7}{\dots} = \frac{\dots}{8}$

b) 1= ……… halves = ……… thirds= ……… quarters = ……… fifths

1 = ……… sixths = ……… sevenths = ……… eighths = ……… ninths

1 = ……… tenths = ……… elevenths

c) The numerator of the fraction $\frac{5}{7}$ is ………. and its denominator is ………

d) The denominator of the fraction $\frac{1}{6}$ is ………. and its numerator is ………





4) a) How many halves are there in one whole? ……….

b) How many sixths are there in one whole? ……….

c) How many eighths are there in one whole? ……….

d) How many quarters are there in a $\frac{1}{2}$? ……….

e) How many sixths are there in a $\frac{1}{3}$? ……….

f) How many eighths are there in a $\frac{1}{2}$? ……….



5) Write in letters:

$\frac{1}{2}$	……………………..	$\frac{1}{3}$	……………………..
$\frac{1}{4}$	……………………..	$\frac{1}{5}$	……………………..
$\frac{1}{6}$	……………………..	$\frac{1}{7}$	……………………..
$\frac{1}{8}$	……………………..	$\frac{1}{9}$	……………………..
$\frac{1}{10}$	……………………..	$\frac{5}{11}$	……………………..
$\frac{5}{9}$	……………………..	$\frac{3}{5}$	……………………..
$\frac{4}{7}$	……………………..	$\frac{6}{10}$	……………………..

6) Write the following fractions:

A quarter	…………..	Four fifths	…………..
Two thirds	…………..	Nine tenths	…………..
Seven ninths	…………..	A half	…………..
Six sevenths	…………..	Two elevenths	…………..
An eighth	…………..	Three quarters	…………..
Three tenths	…………..	Five eighths	…………..





Lesson.2➢ Equal fraction



1) Complete :

a) $\frac{1}{2} = \frac{\dots}{4}$

b) $\frac{2}{3} = \frac{\dots}{6}$

c) $\frac{1}{4} = \frac{\dots}{40}$

d) $\frac{3}{5} = \frac{\dots}{25}$

e) $\frac{1}{2} = \frac{\dots}{6}$

f) $\frac{12}{32} = \frac{\dots}{8}$

g) $\frac{2}{3} = \frac{\dots}{21}$

h) $\frac{10}{14} = \frac{\dots}{7}$

2) Simplify :

a) $\frac{4}{8}$ = ………….

b) $\frac{7}{28}$ = ………….

c) $\frac{10}{80}$ = ………….

d) $\frac{5}{15}$ = ………….

e) $\frac{8}{32}$ = ………….

f) $\frac{18}{81}$ = ………….

g) $\frac{36}{60}$ = ………….

h) $\frac{14}{35}$ = ………….

i) $\frac{35}{45}$ = ………….

j) $\frac{3}{27}$ = ………….

k) $\frac{6}{36}$ = ………….

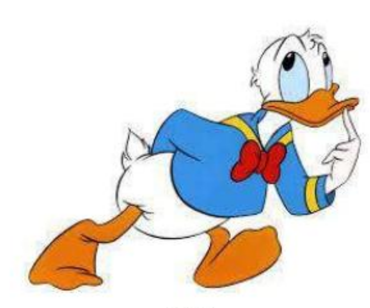
l) $\frac{36}{66}$ = ………….

m) $\frac{10}{26}$ = ………….

n) $\frac{4}{20}$ = ………….

o) $\frac{30}{42}$ = ………….

p) $\frac{12}{21}$ = ………….





Lesson.3➢ Comparing & ordering fractions

1) Put the suitable sign(<, > or =):

a) $\frac{1}{4}$ ☐ $\frac{1}{7}$

b) $\frac{1}{10}$ ☐ 1

c) $\frac{1}{3}$ ☐ $\frac{3}{9}$

d) $\frac{2}{5}$ ☐ $\frac{4}{5}$

e) $\frac{3}{7}$ ☐ $\frac{3}{10}$

f) $\frac{1}{2}$ ☐ $\frac{4}{4}$

2) Circle the greatest fraction:

a) $\frac{1}{6}$, $\frac{2}{6}$, $\frac{5}{6}$, $\frac{4}{6}$

b) $\frac{1}{3}$, $\frac{1}{10}$, $\frac{1}{15}$, $\frac{1}{2}$

c) $\frac{4}{5}$, $\frac{2}{10}$, $\frac{3}{5}$, $\frac{2}{5}$



3) Arrange in an ascending order:

a) $\frac{7}{9}$, $\frac{5}{9}$, 1 , $\frac{1}{9}$, $\frac{8}{9}$, $\frac{2}{9}$

The order: ……. , ……. , ……. , ……. , ……. , …….

b) $\frac{1}{5}$, $\frac{1}{9}$, $\frac{1}{11}$, $\frac{1}{7}$, $\frac{1}{8}$

The order: ……. , ……. , ……. , ……. , ……. , …….





4) Arrange in a descending order:

a) $\frac{2}{6}$, 1 , $\frac{2}{9}$, $\frac{2}{7}$, $\frac{2}{5}$, $\frac{2}{3}$

The order: ……. , ……. , ……. , ……. , ……. , …….

b) $\frac{6}{13}$, $\frac{5}{13}$, $\frac{7}{13}$, $\frac{11}{13}$, $\frac{4}{13}$

The order: ……. , ……. , ……. , ……. , ……. , …….

5) Find :

a) $\frac{5}{7} + \frac{1}{7} =$ …….

b) $\frac{2}{5} + \frac{3}{5} =$ ……. = …….

c) $\frac{5}{9} - \frac{2}{9} =$ …….

d) $0 + \frac{7}{9} =$ …….

d) $\frac{4}{21} + \frac{7}{21} =$ …….

d) $1 - \frac{1}{3} =$ …….

e) ……. $= \frac{3}{8} + \frac{2}{8}$

f) ……. $= \frac{7}{10} - \frac{4}{10}$

d) $\frac{8}{8} - 1 =$ …….

d) $\frac{3}{5} - 0 =$ …….



6) Complete :

a) $\frac{1}{3}$ + ……. = 1

b) ……. + $\frac{5}{11} = \frac{9}{11}$

c) 1 - ……. = $\frac{3}{7}$

d) $\frac{1}{9}$ + ……. = $\frac{1}{9}$

e) 1 = ……. + $\frac{3}{8}$

f) $\frac{5}{12}$ = ……. - $\frac{2}{12}$





Unit 4

Measurement







Measurements

1) Measuring temperature:

- The instrument used to measure temperature is thermometer.
- The unit of measuring temperature is degree Celsius °C
- The normal human body temperature is 37°C
- Boling point of water 100°C
- freezing point of water 0°C

2) Measuring length:

- 1 kilometres = 1000 metres (1 km = 1000 m)

$\frac{1}{2}$ km = 500 m $\frac{1}{4}$ km = 250 m $\frac{3}{4}$ km = 750 m

- 1 metre = 100 cm (1 m = 100 cm)

$\frac{1}{2}$ m = 50 cm $\frac{1}{4}$ m = 25 cm $\frac{3}{4}$ m = 75 cm

3) Measuring weight:

- 1 kilograms = 1000 grams (1 kg = 1000 gm)

$\frac{1}{2}$ kg = 500 gm $\frac{1}{4}$ kg = 250 gm $\frac{3}{4}$ kg = 750 gm

4) Measuring time:

1 year = 12 months , $\frac{1}{2}$ year = 6 months , $\frac{1}{4}$ year = 3 months , $\frac{1}{3}$ year = 4 months

1 day = 24 hours , $\frac{1}{2}$ day = 12 hours , $\frac{1}{4}$ day = 6 hours , $\frac{1}{3}$ day = 8 hours

1 hour = 60 minutes, $\frac{1}{2}$ hour = 30 min. , $\frac{1}{4}$ hour = 15 min. , $\frac{1}{3}$ hour = 20 min.

1 year = 365 days (366 days in a leap year) , 1week = 7 days , 1 minute = 60 seconds





Lesson.1➢ Measuring temperature

1) **Complete:**

a) The instrument used to measure temperature is …………………..

b) The unit of measuring temperature is …………………..

c) The normal human body temperature is …………………..

2) **Look at the table then complete:**



The city	Cairo	Alex.	Sharm El Sheikh	Aswan
Temperature degree	20°C	16°C	24°C	37°C



a) The city which has cold weather is ………….

b) The city which has warm weather is ………….

c) The city which has hot weather is ………….

d) The city which has very weather is ………….

3) When sally went to school in the morning the temperature was 21°C.

When she went back home it was 34°C

How many degrees did the temperature increase?

……………………………………………………………………………………





Lesson.2 ➢ Measuring lengths

1)Complete:



a) 3 km = …………. m

b) 5000 m = …… km

c) $3\frac{1}{2}$ km = …………. m

d) 7 m = …………. cm

e) $2\frac{1}{4}$ m = …………. cm

f) 672 cm = ……….. m , ………. cm

g) 6728 m = ……….. km , ………. m

h) 3 km , 255 m = ………. m

i) ……….. km , ………. m = 7800 m

2) Choose the correct answer:

a) The length of a pencil can be ………. (2 m , 5 km , 15 cm)

b) The distance between Cairo and Alex. can be ………….

(220 m, 220km, 2500 cm)

3) Arrange the following lengths ascendingly:

1250 m , 3 km , 250 m , $2\frac{1}{2}$ km

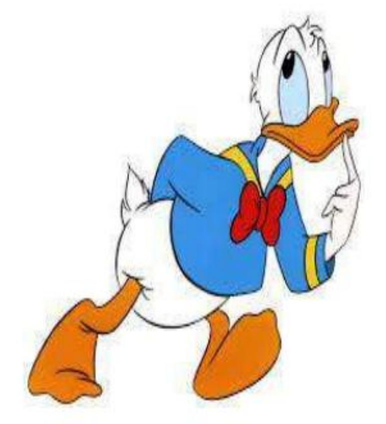
The order : …………….. , …………….. , …………….. , ……………..





Lesson.3➤ Measuring weights

1) Complete:



a) 4 kg = …………. gm

b) $\frac{1}{2}$ kg = …………. gm

c) $1\frac{3}{4}$ kg = …………. gm

d) 3000 gm = …………. kg

e) 2730 gm = ……….. kg + ………. gm

f) 5 kg , 15 gm = ………. gm

g) ……….. kg , ………. gm = 4500 gm

2) Choose the correct answer:

a) The weight of an elephant can be ………. (35 kg , 5000 kg , 5000 gm)

b) The weight of a baby can be ………. (70 kg , 7 kg , 500 gm)

3) Arrange the following lengths descendingly:

a) 6500 gm , $6\frac{3}{4}$ kg , 6200 gm , $6\frac{1}{4}$ kg

The order : …………….. , …………….. , …………….. , ……………..

b) 560 gm , $\frac{1}{4}$ kg , 650 gm , 1 kg

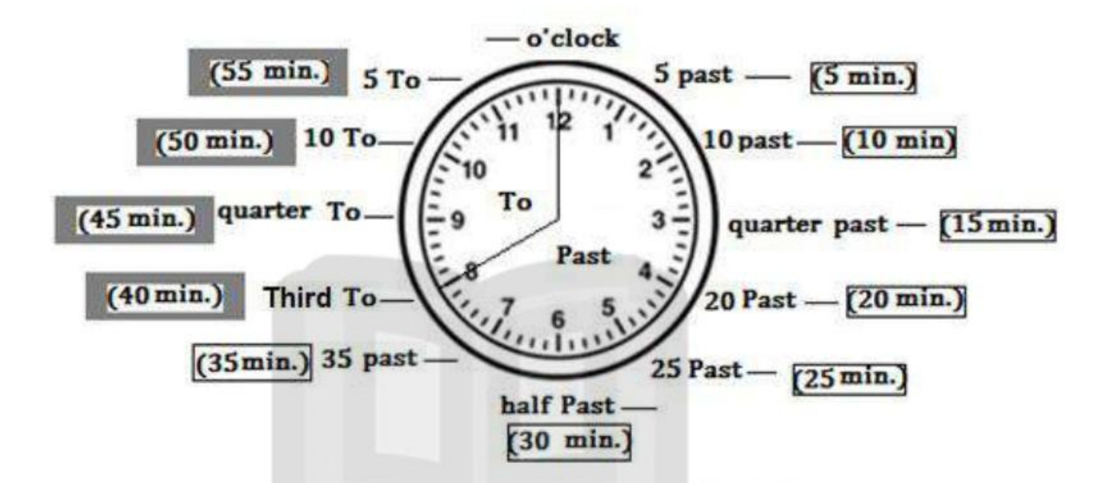
The order : …………….. , …………….. , …………….. , ……………..



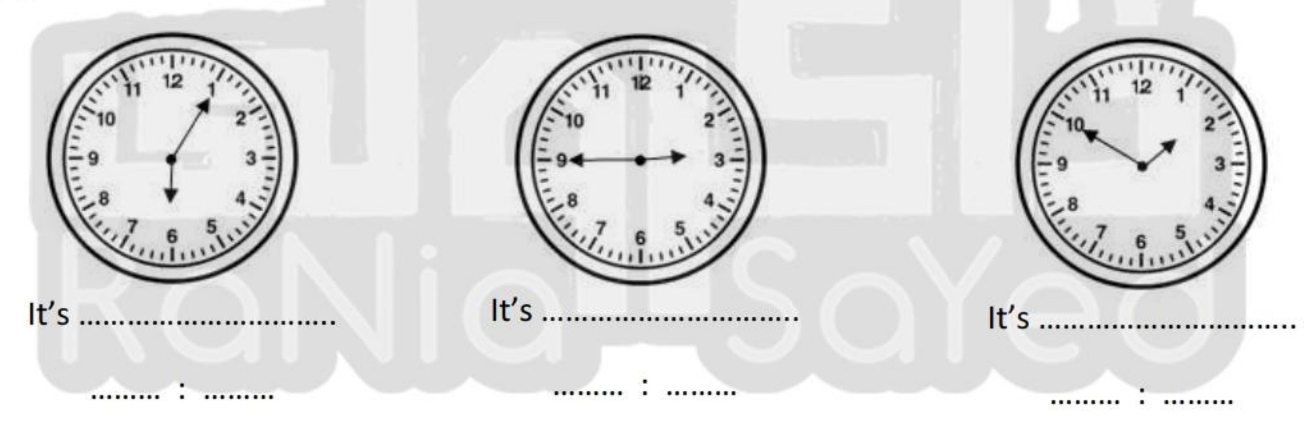


Lesson.4➢ Measuring time:

First➢ Telling time

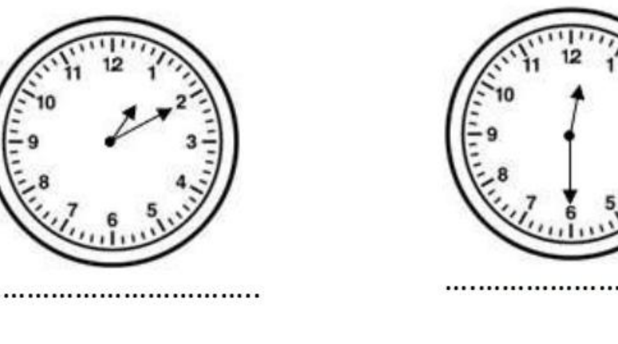


1) Write the time:



It's .... It's .... It's ....

.... : .... : .... : ....



....

.... : .... : .... : ....



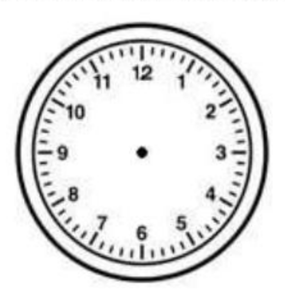


....	....	....
.... :	.... :	.... : ....
....	....	....
.... :	.... :	.... : ....
....	....	....
.... :	.... :	.... : ....




Math

2)Draw the two hands and complete the time:



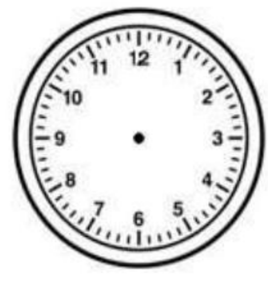
It's ten past five

……… : ………



……………………………….

9 : 25



It's ten to 7

……… : ………



It's quarter to six

……… : ………





It's half past three

……… : ………

……………………………….

1 : 15



It's third to ten

……… : ………



It's quarter past four

……… : ………



……………………………….

3 : 45





Second ➢ day, hour and minutes

1) Complete:

a) 4 days and 4 hours = …………. hours
b) One day = …………. hours , 3 days = …………. hours
c) 5 years = ………… months
d) 30 hours = 1 day and …………. hours
e) 50 hours = …………. days and ………… hours
f) 5 weeks and 4 days = ……….. days
g) 15 days + 13 days = ………… weeks
h) 3 minutes + 5 seconds = …………. Seconds
i) 30 minutes = ………….. hour
j) 100 minutes = …………. hours and …………. minutes

2) Choose the correct answer:

a) The number of months in two years = ………. (12 – 20 – 24)
b) 3 weeks = ……. Days (30 – 21 - 12)
c) One year and 5 months = ………… months (12 – 16 – 17)

3) Arrange the following lengths descendingly:

a) 30 hours , 1 day and 5 hours , 2 days , 45 hours

The order : …………….. , …………….. , …………….. , ……………..

b) 4 days , 40 hours , 1 week

The order : …………….. , …………….. , ……………..







Unit 5

Statistics and probability



Lesson.1➢ Representing data
Lesson.2➢ probability





Lesson.1➢ Representing data

1) The following table shows the pupils who took part in the School activity***:***

School activity	Music	Drawing	Sports	Act	Library
Number of pupils	20	30	35	15	25

Represent the data by bar charts then represent these data by broken line

Number of pupils

50
45
40
35
30
25
20
15
10
5
0

School activity

Music Drawing Sports Act Library

Number of pupils

50
45
40
35
30
25
20
15
10
5
0

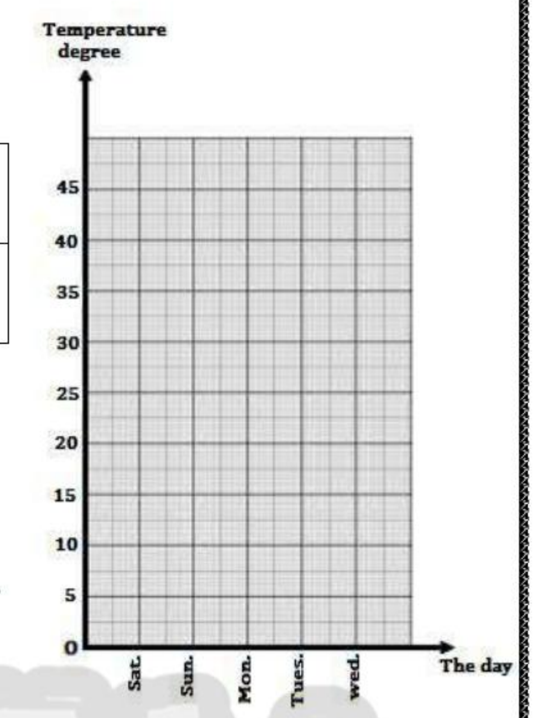
School activity

Music Drawing Sports Act Library



2) The following table shows the temperature degree for 5 days:

The day	Sat.	Sun.	Mon.	Tues.	Wed.
Temperature degree	30	25	20	15	20



a) Represent the data by a broken line.

b) **Complete:**

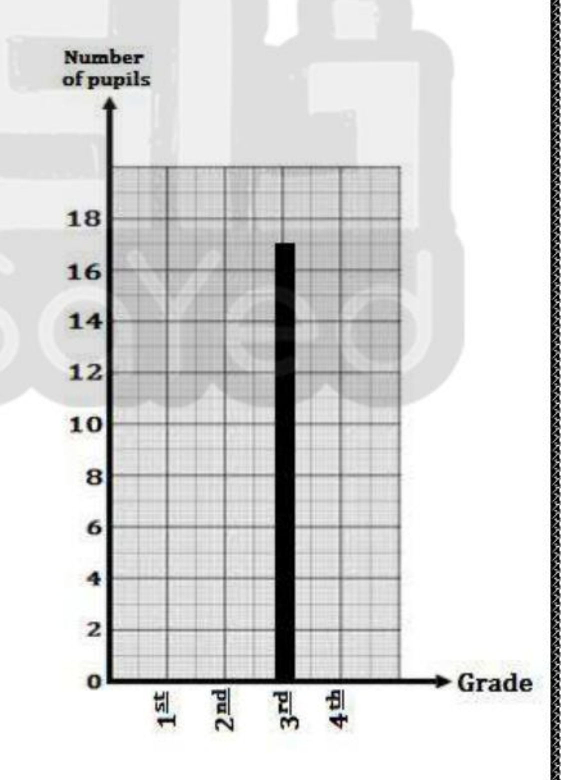
The least temperature degree is on ……………..

The greatest temperature degree is on ……………..

and ……………..

3) The following table shows the number of pupils going in a school trip:

Grade	1st	2nd	3rd	4th
Number of pupils	14	10	……	18



Complete the table and Represent the data by bar charts.



Lesson.2➢ probability

Notes:

The probability of the impossible event = zero

The probability of the certain = 1

The probability of the possible event is between zero and 1 (fraction)

The probability of the possible event = $\frac{\text{the number of possible outcomes of the event}}{\text{the total number of all possible outcomes}}$

1) Complete:

a) The probability of the impossible event is …………………..

b) The probability of the certain event is …………………..

c) The probability of the possible event is between ………. and …………

d) The probability of appearing 2 on the face of the dice = ……….

e) If we flip a coin, the probability of getting a head is …………..

f) If we flip a coin, the probability of getting a tail is …………..

g) If we flip a coin, the probability of getting a head or a tail is …………..

2) Choose the correct answer:

a) The probability of that the sun rises from the east = …… (1 , 0 , $\frac{1}{2}$**)**

b) The probability of that the sun rises from the west = …… (1 , 0 , $\frac{1}{2}$**)**

c) It's ……………. That the cow is flying. (impossible – possible – certain)

d) It's ………………. That the river Nile runs in Egypt.

(impossible – possible – certain)





3) A bag contains15 balls, 5 white balls, 7 black balls and 3 red balls. All of which are of equal size. When a ball is drawn randomly from the box,

Find the probability of:

a) Black ball **b) Yellow ball**

b) red ball **c) White ball or red ball**

4) A fair die was thrown once, the probability of appearing:

- **The number 3**
- **The number 5**
- **An odd number**
- **A number greater than 6**
- **An even number**
- **A number smaller than 7**





Model 1

A) Choose the correct answer:

(1) Seventy four tens = ……… (74, 704 , 740)

(2) 8000 = 2000 × ……… (4 , 40 , 400)

(3) 34 meters = ……… cm (34 , 340 , 3400)

(4) The perimeter of the rectangle whose length is 5 cm and its width is 3cm = ……….. cm (12 , 16 , 15)

(5) It's ……………. That the elephant is flying. (impossible – possible – certain)

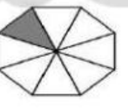
(6) ……… + $\frac{3}{5}$ = 1 ($\frac{1}{5}$, $\frac{4}{5}$, $\frac{2}{5}$)

(7) 25 × 4 × 32 =……… (320 , 3200 , 32000)

(8) 2 weeks = ……… days (24 , 14 , 40)

(9) 4080 ÷ 4= ……….. (1020 , 2010 , 1002)

(10) ……… is from odd numbers (12 , 13 , 14)

(11) The fraction which represents the shaded part is …..  ($\frac{1}{8}$, $\frac{1}{7}$, $\frac{1}{4}$)

(12) Two hour and 15 minutes = ……… minutes (100 , 135 , 75)

(13) 2 × …… × 1000 = 6000 (6 , 2 , 3)

(14) The Telling the time of [clock] is …………………..

(quarter past five, quarter to five, 10 past five)





B) Complete:

(15) $2 \times 5 \times 95 =$ ……….

(16) $\frac{5}{7} = \frac{\ldots\ldots}{7} + \frac{2}{7}$

(17) $1 - \frac{2}{3} =$ ……….

(18) Two sevenths = ………..

(19) The perimeter of the square whose side length 3 cm = ………. Cm

(20) A father distributed 360 pounds among his three children. Then the share of each one = ………………….. = ………… pounds

(21) 4 , 16 , 64 , …… , …… (*in the same pattern*)

(22) one year and a quarter year = ………. months

c)Solve the following problems:

(23) Arrange in an ascending order:

$\frac{2}{9}$, $\frac{5}{9}$, $\frac{8}{9}$, $\frac{1}{9}$ and $\frac{7}{9}$

The order: ………….. , …………….. , …………….. , …………….. , ………………..

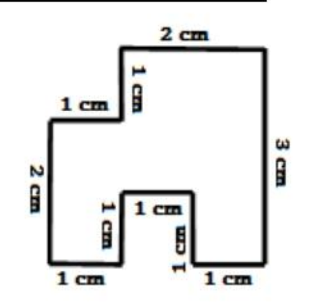
(24) Find the perimeter of triangle whose side lengths are 3, 4 and 5 cm.

The perimeter of the triangle = ……… + ……… + ……… = ……… cm





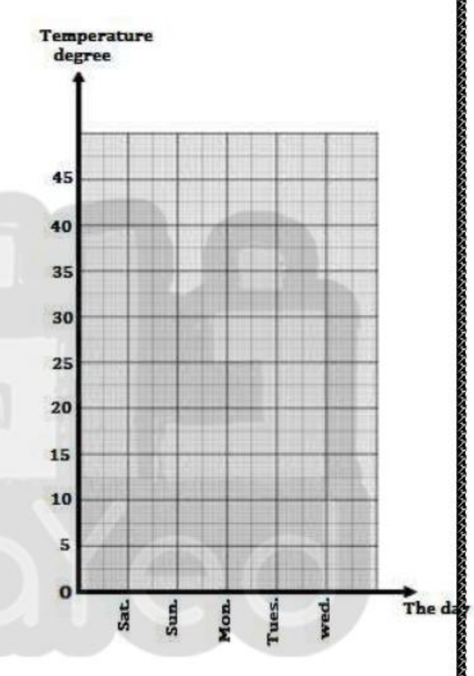
(25) Calculate the perimeter of the following shape:



The perimeter = ………………………………… = ………… cm

(26) <u>The following table shows the temperature degree for 5 days:</u>

The day	Sat.	Sun.	Mon.	Tues.	Wed.
Temperature degree	25	20	30	25	30



a) Represent the data by a broken line.

b) Complete:

The least temperature degree is on ……………..

The greatest temperature degree is on ……………..

and ……………..





Model 2

A) Choose the correct answer:

(1) The even number which included between 30 and 40 is … (33 , 36 , 42)

(2) The number of even numbers that are included between 20 and 40 is …

(6 , 2 , 9)

(3) The fraction if added to $\frac{1}{3}$ the result will be $\frac{2}{3}$ is ….. $(\frac{1}{5}, \frac{1}{3}, \frac{1}{4})$

(4) The normal human body temperature is ….. (37°C, 30°C, 38°C)

(5) The probability of certain event = ……… $(1, 0, \frac{1}{2})$

(6) The suitable length to measure the length of your class is …. (cm, meter, km)

(7) $\frac{1}{2} + \frac{1}{2}$ …… $\frac{7}{7}$ (> , < , =)

(8) Eman wanted to buy 350 pens for 3 pounds each then the total price of pens requires ………….. operation (addition , multiplication , division)

(9) 5 hundred …… 6 hundreds – 20 × 10 (> , < , =)

(11) Which of the following operations doesn't represent an even number?

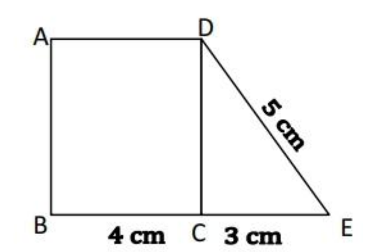
(23 × 10 , 6 tens + 2 tens , 6 ÷ 2)

(12) 500 metre …… 1 kilometre (> , < , =)





(13) ABCD is a square then the perimeter of the figure ABED is ……… cm



(14) Appearing tail when tossing a coin once is ………… event
(impossible – possible – certain)

B) Complete:

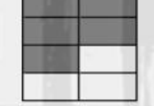
(15) The number that if multiplied by 327 the result will be 327000 is ……….

(16) A case of triangular pieces of cheese contains 8 equal pieces. The fraction which represents two pieces of them is …….

(18) 12 , 36 , 108 , ………… , ………… (in the same pattern)

(19) The number that is divided by 7 the result will be 135 is …….

(20) The fraction which represents the shaded part is …..



(21) 4224 , 4334 , ………… , ………… , ………… (in the same pattern)

(22) The Telling the time of



is …………………..

c)Solve the following problems:

(23) Mary bought 13 pens for 100 piastres each how much money did she pay?

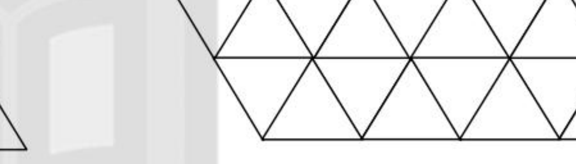
She paid= ……………………………………………….. = ……………….. piastres



(24) The perimeter of a triangle is 24 cm. if the sum of lengths of two of its sides is 18 cm. Find the length of the third side.

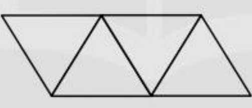
The length of the third side = …………. - …………. = …………. cm

(25) Find the area of the opposite shape according to the given unit:



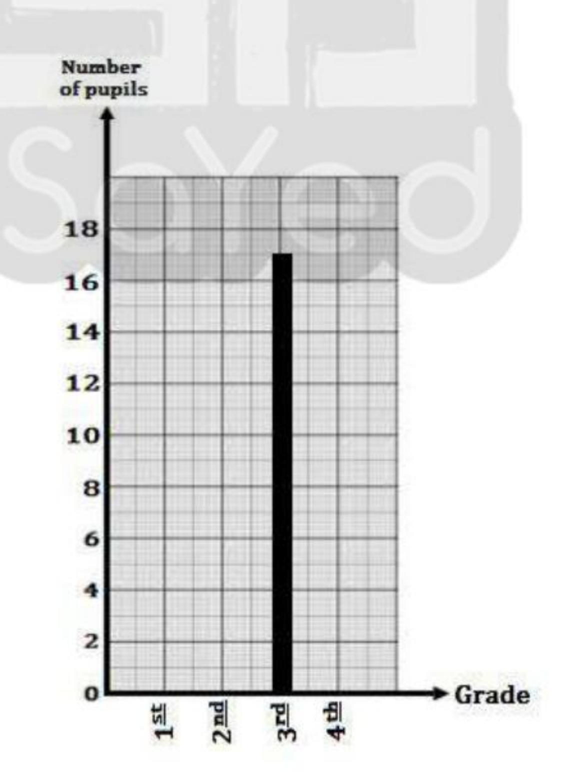
Area of the shape = ……….. 

Area of the shape = ………..

Area of the shape = ……….. 

(26) The following table shows
the number of pupils going in a school trip:

Grade	1st	2nd	3rd	4th
Number of pupils	16	14	……	10



a) Complete the table and Represent the data by bar charts.

b) The greatest number of pupils going in the school trip is in ………. grade





Model 3

A) Choose the correct answer:

(1) The unit of measuring length is ……………. (m, kg , hour)

(2) Forty eight tens = …… (48 , 4800 , 480)

(3) One hour and 25 minutes = ……… minutes (75 , 85 , 95)

(4) The fraction of the shaded parts represents …….. $(\frac{1}{5}, \frac{1}{3}, \frac{1}{4})$

(5) The probability of that the sun rises from the west = ……… (1 , 0 , $\frac{1}{2}$)

(6) $\frac{\dots\dots}{5} + \frac{3}{5} = 1$ (1 , 2 , 3)

(7) $309 \div 3$ …. 309×3 (> , < , =)

(8) Seventy six hundreds = ………… (760 , 7600 , 76)

(9) 60 tens ÷ 3 = ……… (20 , 200 , 2000)

(11) 126 … 100 = 12600 (÷ , × , +)

(12) Which of the following number isn't even number (362 , 403 , 370)

(13) A bag contains 10 symmetrical balls, 7 white balls, and the rest are red balls. When a ball is drawn randomly from the box then the probability of the drawn ball red is ……… $(\frac{3}{10}, \frac{7}{10}, \frac{1}{2})$





(14) Which of the following groups of fractions are arranged ascendingly:

a) $\frac{1}{5}$, $\frac{1}{6}$, $\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{11}$

b) $\frac{1}{11}$, $\frac{1}{10}$, $\frac{1}{6}$, $\frac{1}{9}$, $\frac{1}{7}$

c) $\frac{1}{11}$, $\frac{1}{10}$, $\frac{1}{7}$, $\frac{1}{5}$, $\frac{1}{3}$

B) Complete:



(15) The Telling the time of  is …………………..

(16) $6 \times$ ……… = 6000

(17) The perimeter of any polygon = ……………………………………….

(18) $\frac{5}{25} = \frac{\dots\dots}{\dots\dots}$

(19) 4750 grams = ……….. kg + ……….. grams



(20) The fraction which represents the shaded part is …..

(21) 1000 , 1002 , 1004 , …… , …… (in the same pattern)

(22) ……….. $+ \frac{2}{9} = 1$

c)Solve the following problems:

(23) $5 \times 2 \times 27$ =……… $9903 \div 3$ = ………..

(24) $1 - \frac{5}{16}$ = ……….. 203×8 = ………..





(25) Find the number that if multiplied by 4, the result will be 248? ……….

(26) The following table shows the pupils who took part in the School activity:

School activity	Music	Drawing	Sports	Act	Library
Number of pupils	25	40	…….	35	…….

Represent the data by bar charts then represent these data by broken line

